

THE BULLETIN

OCTOBER 13, 1998 ~ 52ND YEAR ~ NUMBER 5

New Faculty Receive \$4 Million in Grants

BY BRUCE ROLSTON

OVER 40 NEW U OF T FACULTY will benefit from a new set of research infrastructure grants to help them purchase up-to-date research tools.

U of T will garner up to \$4 million from the Canada Foundation for Innovation's New Opportunities grants, meant to support the purchase of research infrastructure by professors with less than three years on faculty. Translated, this means 41 researchers will be supported by 23 grants — the highest number awarded to any Canadian university in this first competition.

Among the projects financed is physics professor Kim Strong's planned "atmospheric observatory," a suite of ground-based detection instruments to be mounted on the roof of McLennan Physical Laboratories and used to measure trace gases in the atmosphere.

"Especially if you're a new faculty member, you need the equipment to get a research program under way. It's key to doing new things," said Strong, whose combined ultraviolet/visible light/infrared instrument spectrometry suite will have research applications in the areas of ozone depletion, pollution and climate change. With the grant, 40 per cent of Strong's \$250,000 construction and installation costs will be coming from public sources.

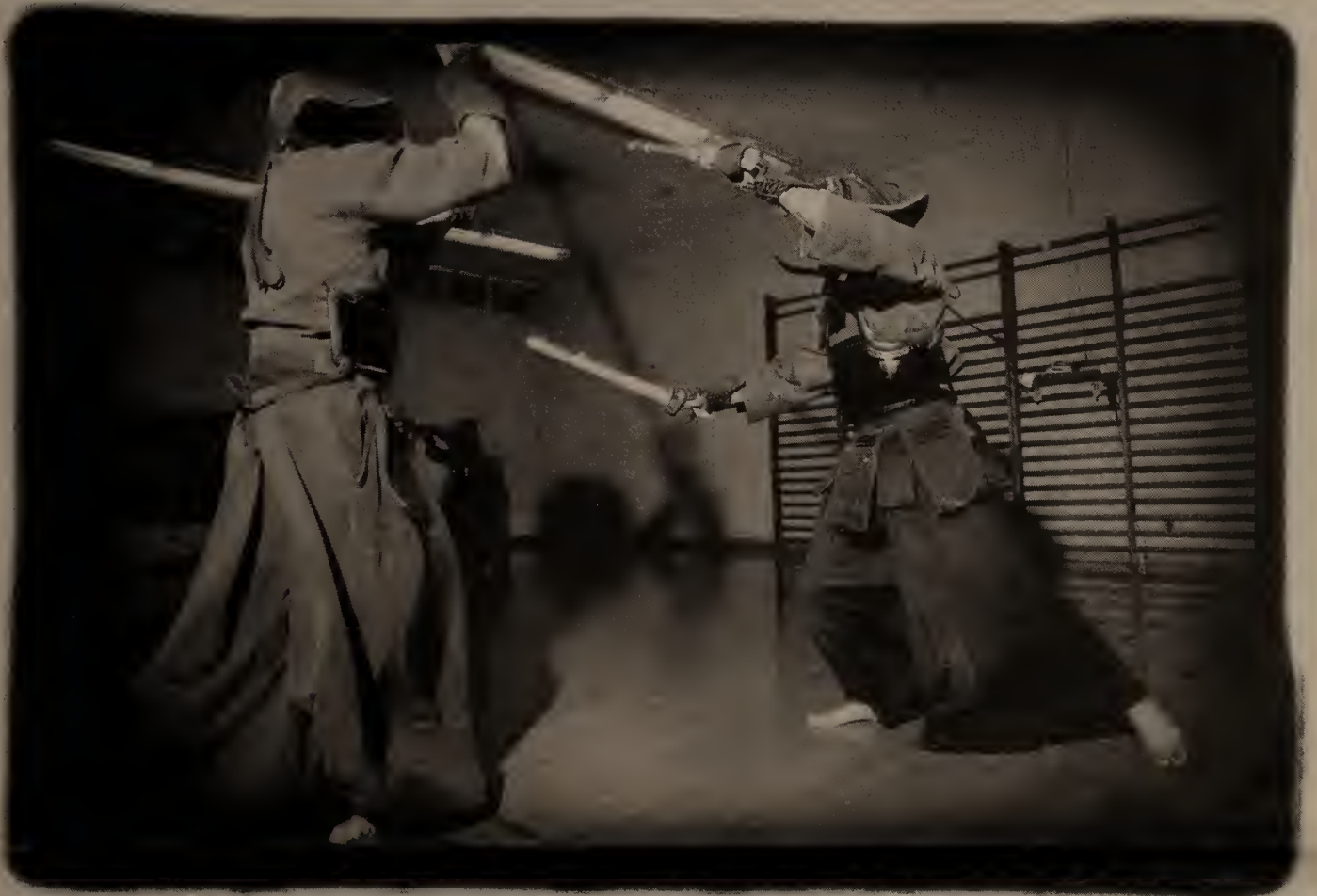
The largest U of T grant — \$930,000 — has been awarded to a team of six professors in chemistry: Dwayne Miller, Eugenia Kumacheva, Scott Mabury, Jeremy Schofield, Andrei Yudin and Andrew Wooley, who submitted a combined proposal for revitalizing the department's biological and material chemistry equipment.

"The CFI grants are definitely a way to get our people the resources so they can be competitive," said Miller, who received \$200,000 to support his electron diffractometry research. "Canadian science has historically not done well in funding its young people. But now, in relation to Europe at least, it's getting close. This is definitely a significant step in the right direction."

Professor Rod Tennyson, director of U of T's government

~ See NEW FACULTY: Page 4 ~

KENDO WARRIORS



Tony Davidson and Canadian Kendo champion Matthew Raymond try to hit each other with their bamboo shinai as they practise this form of traditional Japanese fencing which has roots in Samurai training. Both Davidson and Raymond are members of the U of T Kendo Club, which meets twice-weekly at the Athletic Centre and has 22 student and alumni members.

SUSAN KING

Northern Students Discover U of T

Aboriginal visitors find U of T welcoming, friendly

BY CRISTINA CORAGGIO

U OF T DAY MEANT A DAY OF firsts for Jennine Wapioke of Shoal Lake, a native reservation located about 1,000 kilometres north of Toronto. It was the first time the 16-year-old had ever

travelled by plane and visited Toronto, and it was also the first time she had ever set foot on a university campus.

"It actually changed my opinion of what I thought U of T would be like. It wasn't what I expected at all," she said. "I thought it would be

scary and worse, intimidating and unwelcoming. Instead I found U of T to be friendly, welcoming, and even though it is big, it's easy to find your way around."

This statement is telling for a

~ See NORTHERN Page 4 ~



Jennine Wapioke is flanked by her sister Fawn (right) and cousin Serena Lewis.

INSIDE



Globe Trotters

STUDENTS IN THE INTERNSHIP programs at the Centre for Russian and East European Studies travel to eastern Europe to apply the skills they've learned in graduate school. Page 5

First-class aid

U OF T IS LIVING UP TO ITS GUARANTEE that no student will be prevented from completing his or her education due to financial need. Page 6

United Way Kicks Off

U OF T HAS JUST LAUNCHED ITS 1998-1999 United Way Staff/Faculty Appeal. This year's goal is \$570,000; organizers also hope to increase the participation rate, which last year was 24 per cent.

BABAK

IN BRIEF



Director of U of T Art Centre appointed

DAVID SILCOX, A NOTED CANADIAN ART HISTORIAN AND ARTS administrator and U of T alumnus, has been appointed director of the University of Toronto Art Centre. Silcox brings to the position extensive experience in the arts from his work as chair of the board of the Art Gallery of York University (1992-97); deputy minister of culture and communications for Ontario (1986-91); and director of cultural affairs, Metropolitan Toronto (1974-82). Author of many books, catalogues and articles on both historical and contemporary Canadian art, his mandate is to promote the art centre's collections and programs to both the campus and the wider community. Silcox succeeds Professor Ken Bartlett of history who has served as director since the centre opened at University College in November 1996.

Antique bench stolen from Trinity

TRINITY COLLEGE IS LOOKING FOR A VERY LARGE, VERY HEAVY, WALNUT bench that was stolen from the college. This distinctive antique, featuring two carved griffins on each end, had been a fixture at the college since the mid-1800s. The bench is 94 inches long and 44 inches high. Trinity is offering a \$500 reward for information leading to the successful recovery of this piece.

Varsity Arena sports rainbow triangles

THE POSITIVE SPACE CAMPAIGN, WHICH PROMOTES A WELCOMING environment for U of T's gays, lesbians, bisexuals and transgendered people, has hit the ice of Varsity Arena. The Faculty of Physical Education and Health has painted two rainbow-coloured triangles — the symbol for gay rights — on the hockey rink as part of this fall's relaunching of the campaign. "This is an affirmation of our commitment to making U of T an inclusive environment for everyone," said Bruce Kidd, dean of the faculty.

Lower phone rates expected

UNIVERSITY DEPARTMENTS WILL SOON SEE A DRAMATIC DECREASE in their long-distance phone bills, perhaps as much as 30 per cent, says Deborah Stewart, U of T's director of telecommunications. The university will take advantage of new long distance rates as part of a new contract with Bell Canada, Stewart said. The contract follows a competitive bidding process for U of T's long distance business, which saw Bell Canada's bid come in significantly below its competitors. Meanwhile the university has resumed its search for a lower cost local phone provider.

AWARDS & HONOURS



Faculty of Applied Science & Engineering

PROFESSOR EMERITUS ROBERT JERVIS OF CHEMICAL engineering and applied chemistry has been selected to receive the 1998 Ehmann Award of the American Nuclear Society. Given for the first time to a Canadian or to any person not a U.S. citizen, the award recognizes outstanding career achievement in the field of nuclear analytical chemistry, including contributing to the teaching of applied radiochemistry to advanced students. The presentation will take place Nov. 16 in Washington at the society's national meeting.

Faculty of Dentistry

MICHAEL GLOGAUER, A PHD STUDENT IN THE graduate program in periodontology in the Faculty of Dentistry, won first place in the Edward H. Hatton Award competition at the annual meeting of the International Association for Dental Research in Nice, France. His research presentation, The role of ABP-280 in integrin-dependent mechanoprotection, topped those of post-DDS and post-PhD representatives of all the association's 13 international divisions. Glogauer's research supervisor is Professor Christopher McCulloch.

Faculty of Medicine

DR. LEE CYN ANG WAS THE WINNER OF THE pathology residents best teacher award in the 1998 department of laboratory medicine and pathobiology awards program. Dr. Ross Davidson, a post-doctoral fellow in the division of medical microbiology, received the Norman Bethune Award; Drs. Harry Elsholtz and Linda Kapusta won the department's teaching/education awards; Drs. David Goldberg and Dominic Pantalony won the distinguished service award; Drs. Tony Mazzulli and Susan Richardson, the outstanding microbiology teaching award; and Dr. Ingrid Zbieranowski, the J. B. Walter Prize for teaching/education.

DRS. IAN ARNOLD, NICK PIMLOTT AND SUSAN Masters of family and community medicine won individual teaching performance awards at the

department's teaching awards presentations. Awards were also presented to Drs. Risa Freeman and Nabil Missiha, for excellence in course/program development and co-ordination; Barney Giblon, Phil Hebert and Kirk Lyon, for excellence in creative professional activity and leadership; Ruth Heisey, for individual teaching performance and excellence in course/program development and co-ordination; Irvin Klinghofer, for excellence in undergraduate electives teaching; Robin Pellow, for excellence in community-based core clerkship teaching; and Jim Ruderman, for excellence in hospital-based core clerkship teaching. Dr. Catherine Kohm won the Dr. Elizabeth Anne Beattie Teaching Award for excellence in teaching in the preclerkship curriculum.

PROFESSORS PAM OHASHI OF MEDICAL BIOPHYSICS and Mike Tyers and Jeff Wrana of medical genetics and microbiology have been jointly awarded the 1998 NCIC's Eli Lilly William E. Rawls Prize. This prize recognizes promising investigators at an early stage in their career.

PROFESSOR EMERITUS MARION POWELL OF HEALTH administration was granted a special posthumous award bestowed by the Canadian Medical Association in recognition of her outstanding contributions in women's health. Widely recognized as the mother of birth control in Canada, Powell influenced a generation of health care professionals, defining sex education and birth control as humanitarian concerns in women's health. Powell died suddenly in December 1997.

Pontifical Institute of Medieval Studies

FATHER JAMES MCCONICA, PRESIDENT OF THE Pontifical Institute of Medieval Studies, was elected a corresponding member of the British Academy at its annual general meeting in July; he was the only Canadian among the 18 elected in that category, reserved for non-British scholars. Members elected are those who have attained "distinction and high international standing in any of the branches of study which it is the object of the Academy to promote."

ON THE INTERNET

FEATURED SITE

Canadian poetry on line



I LOVE IT WHEN I STUMBLE UPON Web sites that are absolutely captivating and easy to navigate through. This one is a gem as it contains an array of Canadian literary treasures such as Margaret Atwood, Bruce Meyers, Rosemary Sullivan and Gwendolyn MacEwan. Here you will find photos, bios, writing philosophies, publications and most important, the full-text of hundreds of poems. Another section features 19th-century Canadian poets including Caroline Hayward, Evan MacColl, Joseph Howe and Bliss Carman; just reading some of the passages sent tingles down my spine (for example, "In a still room at hush of dawn/My Love and I lay side by side/And heard the roaming forest wind/Stir in the paling autumn-tide...." Yes, Carman *was* a bit mushy, but I loved this poem, called The Eavesdropper). This inspirational site also provides links to other Canadian poetry sites, poetry courses and upcoming literary events in Toronto. For romantics everywhere, Canpoetry is definitely worth a visit, time and time again.

http://www.library.utoronto.ca/www/canpoetry/index_poet.htm

U OF T HOME PAGE

www.utoronto.ca

THE CAMPAIGN FOR U OF T

www.uoftcampaign.com

RESEARCH UPDATES (NOTICES)

www.library.utoronto.ca/www/rir/hmpage/

PHD ORALS

www.sgs.utoronto.ca/phd_orals.htm

U OF T JOB OPPORTUNITIES

www.utoronto.ca/jobopps

If you want your site featured in this space, please contact Audrey Fong, news services officer, at: audrey.fong@utoronto.ca



SITES OF INTEREST

Workforce challenges

THE INSTITUTE FOR HUMAN DEVELOPMENT, LIFE COURSE and Aging has compiled two online literature reviews on how employers deal with an aging workforce and the difficulties encountered by women in the workplace. Few Canadian studies have focused on older workers in relation to flexible job arrangements, job sharing and phased-in retirement. This site has papers on such issues as well as on how women deal with pay equity and the need for accessible daycare, among other matters.

<http://www.library.utoronto.ca/www/aging/deptpubs.html>

A touch of CHASS

CHASS (COMPUTING IN THE HUMANITIES AND SOCIAL Sciences) is a facility within the Faculty of Arts & Science serving social sciences and humanities disciplines. This Web site details the number of online resources CHASS provides, including electronic publishing and access to multimedia. If you are a staff member, faculty member or graduate student serviced by CHASS be sure to register for free HTML and Web page design tutorials.

<http://www.chass.utoronto.ca/>

New Ethics Policy to Govern Research

BY CHRISTINA MARSHALL

A NEW POLICY OUTLINING THE ethics that should govern research involving human subjects does not specifically address researchers' relationships with industry, but the issue "clearly pervades the document," says a Medical Research Council director.

Francis Rolleston, director of ethics and international relations for MRC, said the document will provide a more level playing field, a much clearer understanding of what is expected from all the parties involved and what the standards are to help enhance the process of industrial research in Canada.

"Industry is an absolutely essential component of medical and health research," Rolleston noted. He emphasized, however, that the policy "is not a revolutionary document. It's an evolutionary document. We need to keep examining the document to ensure its effectiveness."

The policy — drafted by MRC, the Natural Sciences and Engineering Research Council and the Social Sciences and Humanities Research Council and replacing MRC's 1987 national human subjects research guidelines — was introduced this fall. It addresses such issues as protecting the safety and confidentiality of human research subjects, the standards and procedures to be used by research ethics boards for ethics review and ethical issues raised by the banking of genetic material; it also imposes a duty on researchers not to discriminate against disadvantaged groups such as women, to achieve a more just distribution of the benefits of research across all groups.

The policy also stipulates the federal granting councils will only consider funding or continue funding individuals and institutions meeting the document's requirements; institutions have until September 1999 to do so.

Each year over 2,000 reviews go through the human ethical review board at U of T and its affiliated teaching hospitals, a growing number of these applications involving industry funding. Reaction to the new policy within U of T's research community has varied.

Professor Bernard Dickens, chair of U of T's human subjects review committee, was involved in the tri-council working group that led to the policy's development. In an interview Dickens said some people

may not welcome the new policy, thinking it compromises academic freedom or is intrusive. While he stressed that in fact this is not the case, he added there might be some people in the humanities still who think this policy has gone too far.

Dickens said the university is very close to conforming with the new document. He noted one of the university's biggest challenges will be having adequately composed committees for all research, including student research. This could involve a large amount of human resources — high-level faculty and members of the community — to review something of little risk such as a questionnaire, he explained.

He also said that while achieving a level of consistency is important and a challenge for an organization the size of U of T, it is also important not to have too much consistency. "Ensuring consistency at the cost of the merits of the individual case risks injustice."

While chairing a U of T symposium on Sept. 15 addressing ethical issues in human clinical trials, Professor Andrew Baker, chair of the research ethics board at St. Michael's Hospital and a member of U of T's department of anesthesia, said the new policy is timely. "It's been long awaited."

Professor Eliot Phillipson, chair of the department of medicine and another symposium attendant, added the policy refers to finders fees once, an issue he said needs to be addressed more closely. And not everyone sees the dynamic nature of the policy as advantageous. "How can you comply with something that keeps changing?" noted Baker.

The policy also states that the reporting structure of research ethics boards should move from the departmental level to the institution's CEO, an initiative Dickens believes ensures oversight at the highest institutional level.

Rolleston explained a series of initiatives have been organized by the granting councils to help institutions incorporate this directive and other necessary changes. The assistance includes meetings with the associate deans of the institutions, the development of a task force to look at research ethics board operations and two workshops to be held over the next few months.

Readers wanting more information about the policy can refer to the following Web site: www.mrc.gc.ca/news/index2.htm

RIDIN' HIGH



JEWEL RANDOLPH

All dressed up and transport to hand, these guests at U of T Day, the university's annual open house, take advantage of rickshaws provided by the School of Continuing Studies. Most of the thousands of other guests, however, came as themselves — with the exception, perhaps, of those who had their faces painted. Visitors had free run of many of U of T's facilities and departments, learning more about U of T than any one person could take in. The rickshaws, meanwhile, were SCS' way of letting visitors know about the school's many courses and programs.

Three Named to Highest Rank

BY AILSA FERGUSON

UNIVERSITY PROFESSOR HAS A nice ring to it — especially at U of T where the designation is the highest honour the university accords its faculty.

The appointment of the three newest University Professors — David Olson of human development and applied psychology at the Ontario Institute for Studies in Education of the University of Toronto, Anthony Pawson of medical genetics and microbiology and Mitchell Winnik of chemistry — was approved by Academic Board at its Oct. 8 meeting. The appointments are effective July 1, 1998.

Olson, who also heads the Centre for Applied Cognitive Science at OISE/UT, has devoted his scholarly work to problems of meaning and understanding as these notions relate to reading, writing and speaking. He has made distinguished contributions to the field of language, literacy and cognition and is internationally known for his research and writing on the cognitive aspects of literacy. His research into the changes that occur in children's thinking about language, knowledge and mind from learning to deal with writing and written texts led him address a series of fundamental questions about the nature of literacy, culture and

consciousness. In *The World on Paper* (1994) he formulated a highly provocative theory that speech is not a model for writing but rather that writing provides a model for speech, thereby refuting established wisdom from Aristotle to Saussure. He is the author of over 200 research publications and 10 authored or edited books, several of which have been translated into Italian, Spanish and Portuguese.

A highly recognized international scientist known for his work in signal transduction, Pawson identified the basic mechanisms through which growth factor receptors activate intracellular signalling pathways, thus defining a fundamental molecular language through which cells respond to their environment. In 1986 he discovered the Src homology 2 (SH2) domain and identified its role in intracellular signalling. He established that modular protein interactions control signal transduction and it is now widely recognized that virtually all aspects of cellular behaviour are regulated by modular polypeptide interactions of the sort first described by Pawson for the SH2 domain. His research has had a profound impact on virtually every aspect of biomedical research — including developmental biology, endocrinology, immunology, cancer research, cardiovascular research,

neurobiology and hematology. He was one of the 10 most highly cited scientists in the field of biomedical research between 1990 and 1996 and was the only Canadian scientist to appear on that list. Pawson is also head of the Program in Molecular Biology and Cancer at the Samuel Lunenfeld Research Institute at Mount Sinai Hospital.

Winnik is regarded as one of the outstanding physical chemists of his generation. He has achieved this distinction by performing research characterized by an imaginative blend of physical organic chemistry, organic synthesis, photochemistry and polymer chemistry. He has been a pioneer in developing new methods for studying interfaces in polymer systems including interfaces between two polymers, between a polymer and water and a polymer and air. In particular Winnik has contributed to the study of polymer interfaces by development of new methods based on fluorescence spectroscopy and his experiments have stimulated research across the world in both industry and at universities in the area of latex film formation and associated polymers. His research has also been characterized by a concern for the practical application of fundamental research and a desire to reach across traditional boundaries of scientific disciplines.

Thieves Target Technical Equipment, Police Report Says

BY MEGAN EASTON

THE REMOVAL OF EXPENSIVE computer equipment from campus units mainly accounts for a significant rise in the amount of money U of T lost to theft in 1997, according to U of T Police Services' annual report.

Presented for information to University Affairs Board Oct. 7, the

report says that while there has been little change in the number campus thefts over the past two years, the value of property stolen in 1997 was more than \$351,000. In 1996 that figure was approximately \$135,000.

"The university was targeted by professionals who were stealing high-price internal computer parts," explained Lee McKergow, manager of police services. He added that after

the computer hardware thefts, campus police arrested two individuals experienced in this type of crime and since then there have been few similar incidents.

Identifying stolen computer parts is difficult once they go out into the market, McKergow said, which explains the low recovery statistics for goods stolen in 1997. He noted there have been many upgrades to

security systems across campus in recent years to protect valuable new technology but it is up to individual faculties to decide whether or not to invest in preventive measures.

"Every time we conduct an investigation into a theft we make some recommendations about security and if university community members have concerns about the safety of their property we will meet with

them and make suggestions."

Bicycle thefts also rose dramatically last year, resulting in a 106 per cent increase in the number stolen over 1996. "There appeared to be an organized group targeting the university on an infrequent basis," the report says.

Bike and computer part thefts were the exception, however, as most other crime statistics remained stable or declined.

Hart House Happenings

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ART Call 978-8398

The Justina M. Barnicke Gallery "Attila Richard Lukacs", from the collection of Salah Bachir. Runs to Nov. 5.

Arbor Room - "A Canadian-Lithuanian in Contemporary Society", exhibition by Rina Macikunas.

LIBRARY Call 978-5362

Reading - MYSTERY EVENING with Leona Gom, Liz Brady and Eve Zarembo, Thur. Oct. 15 at 7:30pm in the Hart House Library. ALL WELCOME.

WRITUALS - Come out and read at our Literary Open Stage hosted by Carleton Wilson, wed. Oct. 21, 8:30-11pm in the Arbor Room.

MUSIC Call 978-2452 - ALL CONCERTS ARE FREE!

From the Hart - Rhea's Obsession, Thur. Oct. 15, 8:30-11pm in the Arbor Room.

Jazz at Oscar's - The Rita Di Ghent Quintet, Fri. Oct. 16, and The Michael Ochhipinti Quartet, Fri. Oct. 23, from 8:30-11pm in the Arbor Room. LICENSED. NO COVER.

CLUBS & COMMITTEES - Call 978-2452

Debates Committee - Invitational Tournament runs from Fri. Oct. 16 to Sun. Oct. 18. Call 978-0537 for more information.

Hart House Farm - "Cider 'n Song," Sat. Oct. 17. Get advance tickets, \$18 with bus, \$15 without, by Thur. Oct. 15 at the Hall Porters' Desk. After Oct. 15, \$23 with bus and \$20 without. FAMILIES AND CHILDREN WELCOME. Children's rates available.

Interfaith Dialogue - "Challenging the Establishment from Within the Institution", with Rev. Bill Phipps, Moderator of the United church and Rabbi Dow Marmur, from Holy Blossom Temple, Tue. Oct. 20 at 4pm in the Music Room.

Investment Club - Speaker Series: Kevin Barnes from Merrill Lynch Canada, Tue. Oct. 6 at 5pm in the East Common Room.

ATHLETICS - Call 978-2447

Your validated U of T student card or Hart House membership card is required for entry. Library cards will not be accepted.

Drop-In Fitness Classes - Fall classes are frequent and free. Join the action 7 days a week! Schedules are available throughout the House for the period from Sep. to Dec. 6.

Weight Training for Women Workshop - Call 978-2447 for details.

HART HOUSE

UNIVERSITY OF TORONTO

New Faculty Receive \$4 Million

~ Continued from Page 1 ~

research infrastructure programs office, said the proposals submitted by U of T researchers to his office for consideration by the federal foundation were first-rate: the reason, he believes, that U of T received so many grants in the program's first competition.

This competition, which distributed \$36 million nation-wide, will be followed by others, as CFI is expected to allocate \$100 to \$150

million through the New Opportunities program over the next five to 10 years. To compete, proposals had to have secured 60 per cent of their funding from other sources, either from institutional or private sources; the federal funds are covering the additional 40 per cent. Most of the funds received will go towards such research tools as software, new equipment and reconfigurations of existing equipment.

"Our proposals were across the

spectrum, in science, technology, environment and health. We submitted the very best," Tennyson said. "This is going to be a real shot in the arm for our professors who are just starting up, and key to attracting even more excellent young faculty."

Announcements are expected next year on the largest CFI spending allocation, its Institutional Innovation Fund, intended to support major institutional initiatives.

Northern Students Discover U of T

~ Continued from Page 1 ~

student who lives in a small town with a population of 300 and where "everyone is related." Even though Wapioke boards with a family in Kenora (about 45 minutes north-east of Shoal Lake) to attend high school, Kenora's population of 10,000 is one-fifth of the size of U of T's campus.

Wapioke and her sister Fawn and cousin Serena Lewis were among 24 aboriginal high school students taking part in the Discovery Tour program at U of T Day. Discovery Tour is an annual student recruitment event that attracts more than 1,000 students from the Greater Toronto Area and also includes high school students who are bused to the St. George campus at the university's expense from surrounding areas

such as Kingston and Peterborough.

This was the second year that aboriginal students were flown in from remote parts of northern Ontario and Quebec - from as far away as Sandy Lake, Moose Factory and Kahnawake. Wapioke and her sister and cousin had to take a one-hour flight with Bear Skin Airlines to Thunder Bay to catch a connecting flight to Toronto.

The program gives aboriginal students a chance to explore U of T's faculties and colleges, find out about admission requirements and scholarship opportunities, visit residences and athletic facilities and talk with current students and alumni. The native students were guests of the U of T Alumni Association; the university itself found the students

accommodation on campus and organized both morning and evening meals. Like other students participating in the tour, the northern students are in grades 11 through 13 and achieving averages of 80 per cent or higher.

An aspiring computer programmer, Wapioke says the tours of the department of electrical and computer engineering and of First Nations House were the highlights of her trip. She was especially impressed by First Nations House, which provides admissions services and academic and financial counselling to aboriginal students.

"They really made me feel at home," said Wapioke. "I now just have to make sure I can get the grades to go to university!"

G3 Smart Start Back To School Promo

Desktop Models

G3 Desktop M6503LL/A 266MHz/32MB/4GBHD/24x-CD/2MB ATI/Kybd	Personal / Institute \$2,330. ⁰⁰ \$2,275. ⁰⁰
G3 Desktop M7104LL/A 300MHz/64MB/6GBHD/24x-CD/Zip/2MB ATI/Kybd	\$2,910. ⁰⁰ \$2,845. ⁰⁰

Tower Models

G3 Tower M7246LL/A 300MHz/64MB/8GBHD/24x-CD/Zip/AVin-out/6MB Vid/Kybd	Personal / Institute \$3,500. ⁰⁰ \$3,425. ⁰⁰
G3 Tower M7106LL/A 333MHz/128MB/9GB-UW SCSI/24x-CD/6MBSGRAM/Kybd	\$4,355. ⁰⁰ \$4,260. ⁰⁰

Apple Monitors

Multiple Scan 720 Display	Personal / Institute \$679. ⁰⁰ \$679. ⁰⁰
ColourSync 17" display	\$1,080. ⁰⁰ \$1,080. ⁰⁰
Apple Vision 850 AV Display	\$2,475. ⁰⁰ \$2,420. ⁰⁰
ColourSync 20" Display	\$2,170. ⁰⁰ \$2,120. ⁰⁰
Apple Studio Display 15.1" TFT	\$1,890. ⁰⁰ \$1,845. ⁰⁰

Free Stuff

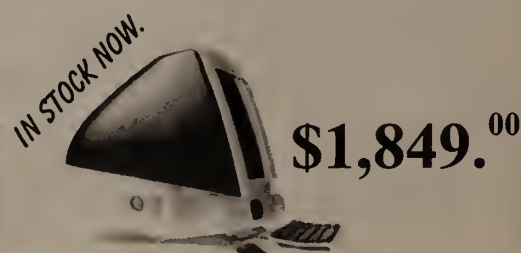
Starting August 10th, purchase any G3 PowerMac desktop or tower or G3 Powerbook, you will receive from Apple a Stainless Steel Coffee Mug and a Digital Alarm Clock and get a mail-in coupon for one of the following bonus items:

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OPEN MARKET

The decline of communism has expanded internship opportunities for U of T students

By SUZANNE SOTO

GINA STEPHENS IS ECSTATIC. The recent U of T graduate has just landed a great job with PricewaterhouseCoopers, the largest business services firm in the world. Hired by the company's marketing department, Stephens will write reports, conduct research and organize the company's annual conference for clients, all from a nice office downtown.

Downtown Sofia, Bulgaria, that is.

"It's going to be exceptional," said Stephens in an interview days before boarding a plane for Bulgaria on Sept. 14. "This is the area I'm hoping to go into as a career, plus I'll be able to apply all the skills I've learned in graduate school but in a real-world setting. I am very excited."

Stephens, who has just completed a master's degree in Russian and East European studies, is one of more than two dozen students taking advantage of two international student internship programs administered by U of T's Centre for Russian and East European Studies (CREES) at Robarts Library.

Her job — an eight-month placement — came through the Youth International Internship Program (YIIP), funded by Foreign Affairs and International Trade Canada. CREES manages this program on a contract basis with the federal government. Under the umbrella of the government's National Employment Strategy, the program aims to place unemployed or underemployed graduates 29 years of age or younger.

Robert Austin, who co-ordinates YIIP as well as the centre's in-house Summer Internship Program, says in YIIP's first year, 1997-98, 21 interns from across the country and from a variety of disciplines including history and political science, were placed in businesses and non-governmental organizations in east-central Europe and the former Soviet Union. This year, 27 students will be placed in the region, spanning an area from Moscow in the east to Prague in the Czech Republic.

Part of Austin's job is to find the European work placements. Because he spent years working in the region himself, he developed many good contacts with both local firms and North American companies with branch offices there. As a result interns now go to work for such companies as Heineken in Slovakia, Seagrams in Poland, Chinoin Pharmaceutical in Hungary and the Baltic Banking Group in Latvia.

The placements are open to any university graduate who is a Canadian citizen or permanent resident, Austin explains. Students' resumes are sent to prospective employers and they choose the appropriate candidates. Because most U of T applicants have very strong academic backgrounds, a large proportion of them are chosen by the overseas employees. This year,

for example, as many as 10 of the 27 available openings will likely be filled by U of T students like Stephens.

Energetic and personable, Stephens has travelled extensively through Europe. Last year, on CREES' Summer Internship Program, she spent the summer in St. Petersburg learning

A LARGE PROPORTION
OF U OF T APPLICANTS,
WHO HAVE STRONG
ACADEMIC CREDENTIALS,
ARE SELECTED BY
OVERSEAS EMPLOYERS

Russian. Eventually she wants to work as an information technology consultant to eastern European companies, a job, she says, that entails "being cognizant of new software and how it can make businesses more efficient. Companies in eastern Europe need help modernizing their operations. They want to be more efficient and keep up with Western business trends."



Gina Stephens, at left, and Miglena Nikolova interned overseas under a program run by the Centre for Russian and East European Studies.

Miglena Nikolova, another CREES graduate, agrees. Originally from Bulgaria, she has just finished her master's degree and is now enrolled in U of T's master's of business administration program. Between October of 1997 and this March, she was in Sofia with YIIP, interning in the same PricewaterhouseCoopers job that Stephens is now filling. She says that the decline of communism and the rise of an open market economy have brought a change in eastern Europeans' attitudes towards work and efficiency. Employees are much more committed to their jobs now while management wants to bring Western-style work practices and ethics into the workplace.

"With the change to a democratic society, all of the structures in that society have changed," she notes. "I really enjoyed my work in Bulgaria. It was really a great experience for me."

Nikolova and Stephens also have very high praise for CREES and its internship programs. The Summer

Internship Program, for example, enables students to spend two to three months in eastern Europe, learning about the area's history, politics and culture. It also provides students with an unparalleled opportunity to improve their language skills.

"The CREES master's program is really unique," Stephens says. "Very few master's programs have the funding to give their students work terms overseas. Also, because the program is interdisciplinary, it is very flexible. Some CREES students go the academic route of earning their PhDs and teaching while others, like me, decide to pursue business careers after graduation. It is wonderful."

CREES director Robert Johnson notes that 10 years ago, academia and perhaps diplomatic service were really the only avenues open to graduates. "Now, there are so many different doors that are open in governmental and non-governmental bodies and in private sector employment. Almost half of our students are taking the applied path as opposed to the academic path after finishing their MAs.

"It is very important for all of our students to have contact with the real world. You don't learn about eastern Europe by sitting in a classroom," he noted.

For these reasons, Johnson intends to make internships a priority during the next round of university-wide planning, also known as the next version of the provostial white paper on planning.

"My hope is that we can include internship programs in our basic budget, so that every student in our program will be able to participate."

MANTRA Balloon Returns

AU OF T INVESTIGATOR'S wayward balloon came home last week — bullet holes and all.

The gondola from the MANTRA (Middle Atmosphere Nitrogen Trend Assessment) research balloon arrived in Toronto after retrieval from a small island in the Baltic Sea. The unmanned Canadian Space Agency balloon was carrying a \$500,000 instrument package when its planned 18-hour flight on Aug. 24 to study the ozone layer unintentionally turned into an odyssey across half of Canada,

the Atlantic Ocean and most of Europe.

Despite being shot at by Canadian Forces aircraft trying to prevent the giant helium balloon from drifting into commercial flight lanes, it serenely rode high-altitude winds for nine days before landing on its own.

Professor Kim Strong of physics, principal researcher for the MANTRA project, said all the instruments are still serviceable, despite one, maybe two obvious bullet holes in the gondola. "We should be able to reuse all the

instruments," she said.

The balloon's mission was to evaluate atmospheric composition by measuring the absorption of sunlight by atmospheric gases. All the data collected in the planned 18-hour flight was transmitted to a ground station before the gondola's release mechanisms failed and the balloon sailed away.

The investigators were lucky to retrieve the instruments at all, Strong said; if MANTRA had come to earth a few miles in any direction, it could have been irretrievably lost in the Baltic.

Universitas 21 Offers Exchange Opportunities

MEMBERSHIP IN A NEWLY formed group of leading-edge universities will soon allow U of T faculty and students to participate in unique research and academic partnerships world wide.

Universitas 21 — named from the Latin word for university and 21 to represent the 21st century — is an international association of top research-intensive universities committed to erasing borders and promoting top-level scholarship. Its overall goal is to remove boundaries among universities in Australia,

Canada, China, New Zealand, Singapore, the United Kingdom and the United States and encourage the exchange of ideas, build academic partnerships and support overseas faculty research and student mobility.

Thomas Wu, director of international liaisons and exchanges with the office of the vice-president (research and international relations), said membership in the group will increase the university's ability to offer students flexible opportunities to gain international experience.

New Programs for Student Aid Comprehensive

BY SUSAN BLOCH-NEVITTE

LAST SPRING U OF T BUILT AN unprecedented policy around the recommendations of the Task Force on Tuition and Student Financial Support, including the guarantee that no student will be prevented from beginning or completing his or her education due to financial need.

Since then, an 18-member advisory committee appointed by Professor Ian Orchard, vice-provost (students), has been implementing that policy and developing ways for the university to live up to its guarantee. New programs for part-time and high-need students as well as for students in some deregulated fee programs have been created. Staff throughout the campus have

received financial aid counselling training while the number of financial aid sources for students, parents, faculty and staff has increased dramatically.

"We want every single person to know there's a new financial aid policy, that U of T has made a commitment and that U of T students are never more than one referral away from comprehensive

information about financial aid," said Karel Swift, university registrar.

Aimed at part-time students in first-entry programs, the new Noah Meltz Part-Time Financial Aid Program — named in honour of the former principal of Woodsworth — will deliver grants up to the cost of tuition and fees for one full course. "Although part-time students have always had access to grant assistance on an ad-hoc emergency basis, this pilot program provides a systematic way to enable such students to apply for assistance at the beginning of the school year," Orchard explained.

For high-need students, the Transitional Year Program will serve as a pilot model for enhanced aid. By talking to TYP students, the program hopes to develop a special needs assessment model that will include costs not addressed by Ontario Student Assistance Program such as clothing, medication and additional childcare costs for student parents.

Professor Rona Abramovitch, TYP's director and a member of Orchard's advisory committee, said many students find OSAP allotments do not always meet their needs. Also OSAP often doesn't come early enough in the school year for students to buy textbooks and pay rent. "Recognition of the fact there is need for bridging loans before OSAP becomes available in the fall is going to be very important for our students," she

said. "I'm hopeful that this program will mean that TYP will no longer lose students due to financial circumstances."

Both pilot programs will be evaluated based on student experiences and adjusted as necessary for the 1999-2000 academic year.

A mix of grants and loans will fill the gap between maximum government aid and assessed need for students in second-entry and professional graduate programs. The mix will vary by program. This academic year students with need in dentistry, medicine and pharmacy will receive grants of up to \$2,000 and interest subsidy on the amount of loan required to meet their assessed need. Law and management are designing their own programs — based on a prototype the Faculty of Law developed two years ago.

Meanwhile this past summer Admission and Awards offered a series of courses for divisional financial aid officers to ensure they have the informational goods when students come calling. The courses covered everything from awards procedure to financial management. Swift said financial advising within the divisions will now take a more preventive approach, concentrating on students' financial self-management and debt-load management.

A financial aid Web site (www.utaps.utoronto.ca) provides detailed information on costs, resources, budget planning and financial aid programs.

NOVEL COMMUNICATION



Celebrated Italian novelist Umberto Eco, author of *The Name of the Rose*, *Foucault's Pendulum* and *The Island of the Day Before*, is spending two weeks on campus. A professor of semiotics at the University of Bologna and an expert on communication and mass media, Eco gave two lectures on text and translation Oct. 7 and Oct. 9, delivering the third today. He will also speak on books in the next millennium to a sold-out crowd on Thursday, Oct. 15.

MARK LYALL



UNIVERSITY OF TORONTO TRAVEL CENTRE

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TRAVEL TIPS

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5. Aircraft equipment change could result in your preferred seat being changed.
6. Airlines oversell the flights based on a historical no-show factor. For this reason at times you may find a window or an aisle seat available after you board.

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1. Specify your destinations and the times you need to arrive or depart. Consider the additional savings available by utilizing connecting flights and alternate airports.
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4. Book 7-14 days in advance and stay a minimum of seven days for international trips and a Saturday night for North American trips.
5. Compare cost for penalty versus non-penalty fares. Airlines may permit changes to restrictive tickets for a fee. The total cost may still be lower than a non-penalty ticket.
6. "Non-refundable" air tickets may not be worthless. The airlines may allow, for a fee, the use of the value of the non-refundable ticket towards the purchase of a higher value ticket.
7. Plan your business around the most cost effective travel decisions. Locking into a business meeting at a specific time may limit your possibilities on airfare savings due to the schedule you must now meet.
8. Utilize charter airlines whenever possible. Usually the airfares are more economical as charters do not offer the frequency of a scheduled carrier.

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2. The agencies may be quoting the same itinerary but with a different fare type. One fare may have fewer restrictions than the other.
3. For competitive reasons most major airlines change their fares four to five times a day. Depending on the time of your call, the prices could be different.
4. One agency may quote only scheduled carriers while the other may quote charter fares.
5. Some agencies because of their specific niche may have contracted fares with the airlines not available to others.
6. There is a limited supply of airline seats at a specific fare type. Once this inventory is sold out, only through a cancellation will you be able to obtain this fare.
7. You may have called soon after a cancellation and received the lower fare. Considering that this inventory is available to the world, cancellations are a common occurrence.

Thank you to all the U of T Travel Centre sponsors: Air Canada, Alitalia, Delta and Lufthansa for their outstanding contributions.

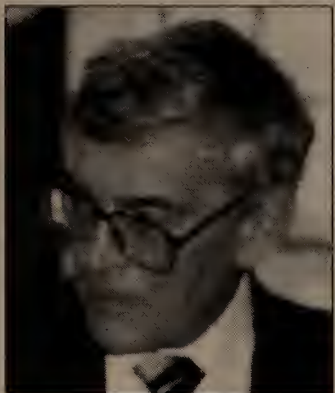
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IN MEMORIAM

Botta Gave Unselfishly

PROFESSOR PETER BOTTA OF mathematics died May 5 of complications arising from lung cancer. He was 64 years old.

Botta graduated from the University of British Columbia in 1961, earning his PhD at the University of California at Santa Barbara in 1965. Before joining U of T's mathematics department in 1967, he held a position at the University of Michigan. In his 31



years in the department of mathematics he played a key role in developing programs and services for students. "His generosity to his students with his own time was legendary," said Professor Steve Halperin, chair of the department.

Among his accomplishments are the creation of the Mathematics Reprise Program for first-year students in difficulty, the Mathematics Survival Guide for

incoming first-year students and the department's first mathematics specialist program for students not heading for graduate school. In particular, as associate chair for undergraduate affairs, a position he filled for almost a decade, he was effective in working to help students and colleagues.

"Peter will always be remembered for two wonderful qualities: an absolute integrity and an utter lack of selfishness. His work with students, on curriculum committees and in resolving problems was tireless and there were no bounds to his patience," Halperin added. "He also had no time for bureaucratic folly, cheating or political correctness; these provoked in him not anger but an ironic sense of wonder at the follies and foibles they represented. He never refused a request from the department and he never asked for anything for himself.

"In an era of accountability, assessments, evaluations and employment qualification, Peter believed in the primary importance of learning for its own sake and individual responsibility. He spent a month each year in the far North, alone with his dog and fishing rod, and equally he enjoyed living in the centre of Toronto. He was an absolute favourite with the staff and a rock of support for all of us. He will be missed."

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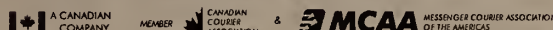
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You are cordially invited to
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Tuesday, October 27, 1998

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4:00 pm

All members of the University community are welcome to attend.

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Kevin Kain, University of Toronto
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Rudy Nowak & Ronald St. John, Health Canada
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A SYMBOL OF PEACE



JEWEL RANDOLPH

U of T has received a significant gift from the government of India — a bronze bust of Mahatma Gandhi. The statue is housed at University College, home of U of T's peace and conflict studies program which gives an annual Mahatma Gandhi Award to the best student in the program. Among those on hand for the Oct. 2 unveiling of the bust, located in the Laidlaw Library, were, from the left, C.M. Bhandari, consul general of India; Marta Ecsedi, president of the U of T Alumni Association which paid for the bust's transportation to the college; and Mary Anne Chambers, vice-chair of Governing Council.

The Bulletin Schedule

During the remainder of the 1997-98 academic year *The Bulletin* will be published on the following days:

October 26	January 11	March 8	May 10
November 9	January 25	March 29	May 31
November 30	February 8	April 12	June 14
December 14	February 22	April 26	June 28

⌘ DEADLINES ⌘

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REVIEW OF GOVERNING COUNCIL SECRETARIAT

The Governing Council has approved a review of the operations of its Secretariat, in preparation for the search for a new Secretary of the Governing Council. The incumbent, Dr. J. Dimond, will be retiring in the fall of 1999.

The terms of reference of the Review Committee are:

1. To seek input from present and recently retired members of Governing Council and from the University community on the current operations and services of the Secretariat;
2. To review the functions and responsibilities of the Secretariat as currently defined;
3. To consider the need for any changes to the current services and operations of the Secretariat;
4. To identify the principal challenges for the Secretariat over the short and medium term future;
5. In light of the above, to consider the attributes required of the next Secretary of the Governing Council;
6. To comment on any other matters of relevance to the operation of the Secretariat;
7. To give its advice to the Chairman of the Governing Council no later than December 15, 1998.

Members of the Review Committee are: Mrs. MaryAnne Chambers (Vice-Chair of the Governing Council and Chair of the Review Committee); Prof. Emeritus Roger Beck (past teaching staff governor); Mr. John Malcolm (administrative staff governor); Prof. John Mayhall (teaching staff governor; Chair of the Academic Board); Ms Rose Patten (Lieutenant Governor in Council appointee to Governing Council); Mr. Tom Simpson, (alumni governor; Chair of the Business Board); Prof. Carolyn Tuohy (Deputy Provost); Ms Nancy Watson (student governor; Vice-Chair of the University Affairs Board).

Comments and recommendations are welcome on any aspect of the Secretariat's work, (including the organization of meetings, minute preparation, procedural advice, policy interpretation, provision of general information and overall responsiveness). These may be sent in confidence to the Chair of the Review Committee, c/o Ms R. Lopers-Sweetman, Faculty of Nursing, 50 St. George St., by October 30 at the latest.

BOOKS



The following are books by U of T staff. Where there is multiple authorship or editorship, staff are indicated with an asterisk.

The Butterfly Healing: A Life Between East and West, by Julia Ching (Novalis; 220 pages; \$29.95). This book is a personal account of the author's life and journey into healing, both physical and spiritual. A several-time cancer survivor, she is considered a "medical miracle" by her physicians. Her central message is that life is worth living, even when living may mean being always on the lookout for remedies in the hope of getting better.

The Kiss of the Fur Queen, by Tomson Highway (Doubleday Canada; 310 pages; \$32.95). Fusing native story-telling techniques with European narrative form, the author tells the story of two brothers, one three years older than the other, who grew up in the Magical Cree Garden of Eden where no English is spoken and no white people cross their path. As each reaches the age of six they are sent to a boarding school in the south where their language is forbidden and they are abused by priests. As young men, they suffer the humiliation of racism on the streets of Winnipeg.

Life on Mars, by Donn Kushner, illustrated by K.J. Knight (Childe Thursday; 104 pages; \$14.50). The Viking landers of 1975 sought for life on Mars and didn't find it. This work of science fiction explains what the Martians are doing before and after these landers arrived and how a lander acted somewhat as the serpent in the Garden of Eden, bringing knowledge of evil into their innocent existence.

A Natural History, Keith Oatley (Viking; 406 pages; \$29.99). Combining both a mysterious scientific investigation and a passionate love story, the novel begins in 1847 in the fictional port town of Middlethorpe, England, where John Leggate, a doctor and dedicated natural scientist, researches the origins of cholera. His research begins to falter, however, when he meets and marries a beautiful and accomplished pianist, a woman of great aspirations. When a cholera epidemic finally strikes, Leggate finds he is unprepared emotionally and scientifically for the reality of the crisis.

English State Comedy 1490-1990: Five Centuries of a Genre, by Alexander Leggatt (Routledge; 182 pages; £45 cloth, £14.99 paper). This book studies English stage comedy

from the Tudor period to the present with special reference to the way comic conventions are used as tools for social inquiry.

Correspondance générale d'Helvétius, Volume 4, David Smith, general editor (University of Toronto Press; 512 pages; \$125). This is the fourth of five volumes of the letters of French philosopher Claude Adrien Helvétius. Featuring the correspondence of Mme Helvétius in the years following her husband's death, this volume also includes letters by and to Helvétius discovered since the publication of the first three volumes.

The Hermeneutics of Poetic Sense, by Mario J. Valdés (University of Toronto Press; 150 pages; \$45). This book takes the form of a collection of studies dealing with a variety of key issues in literary theory. A central theme is the role of the reader in assigning meaning to written works. Each chapter begins with a synopsis of leading philosophical and literary-theory views on the subject at hand then presents and illustrates the author's own position through a detailed analysis of one or more literary works, primarily by Hispanic and Latin American authors.

The Family Squeeze: Surviving the Sandwich Generation, by Suzanne Kingsmill and Benjamin Schlesinger* (University of Toronto Press; 224 pages; \$35 cloth, \$18.95 paper). The Sandwich Generation refers to the growing numbers of middle-aged people who must care for both children and elderly parents while trying to manage the stress of full-time jobs. This book traces the day-to-day life of a typical family caught up in this situation and guides the reader through various scenarios, each followed by comments, advice and suggestions. A resource section includes an extensive annotated bibliography as well as a list of services in Canada and the U.S.

New Trends in Astronomy Teaching, edited by L. Gouguenheim, D. McNally and J.R. Percy* (Cambridge University Press; 352 pages; \$69.95 US). The proceedings of an International Astronomical Union conference, this book provides a global perspective on astronomy education, with an emphasis on current developments and issues: research on effective learning and teaching; technologies and approaches such as distance learning, the World Wide Web and planetariums; and the importance of partnerships in supporting school and public education.

The Book Sale October 16 – 20 1998

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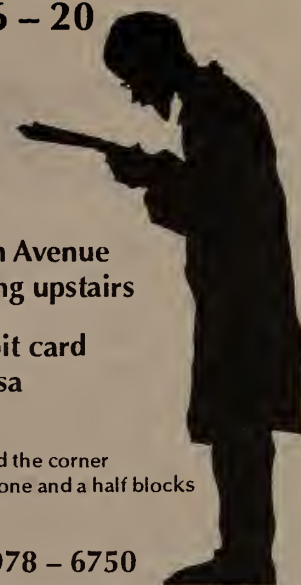
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25 YEAR CLUB ANNUAL EVENT TO HONOUR NEW MEMBERS

On Wednesday, November 4, 1998, the Chancellor will be hosting a reception for new and present members of the 25 Year Club who have dedicated 25 years of service to the University. Approximately 250 staff will be eligible to join the 25 Year Club this year. At the event each new member will be receiving a gold University of Toronto 25 Year service pin and a certificate commemorating their service.

In October the Chancellor will be issuing personal invitations to eligible staff to attend the special reception which will be held in the Great Hall at Hart House. Eligible staff include full-time or part-time faculty, librarians, unionized and non-unionized administrative staff who attained 25 years of service between July 2, 1997 and July 1, 1998.

Individuals with a break in employment (i.e., left their employment with the University and were later rehired) but whose total years of service at the University is 25 are also included in the program. Since information on this type of non-consecutive service is not available on the Human Resources database, all those who fall into this group are asked to contact Lucy Danesi at 978-8587, Human Resources Department, as soon as possible so that they may be appropriately recognized.



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A Guide for Front-Line Staff to Resources for Students in NeedNov. 26
Choosing Child Care That Works for Your FamilyOct. 28, Dec. 3
Maternity Leave Planning (faculty and staff)Oct. 21, Dec. 15

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LETTERS



LAMENT FOR A BUILDING

As a retired professor I receive *The Bulletin* and very few news items have filled me with such sadness as your report on the demolition of the old classics building — for having outlived its functional usefulness, as Janice Oliver states (Going, Going, Gone, Sept. 14).

As a youth I came to Varsity for graduate studies. The registrar's office was in that building, was it not? I know that the bookstore was there before it moved to more prestigious quarters. In the 1970s when Innis College established its extremely large course on Education and Society (there were about 10 sections) I held my classes there.

In my view, that architecturally nondescript mongrel of a building helped define the University of Toronto, sited diagonally away from Convocation Hall and sitting cheek by jowl with the ornate University College, whose facade you feature in the same issue. I know that "stone walls do not a prison make" nor buildings a university but I cannot help feeling that were I a poet or a musician I'd compose a requiem to that old classics building.

GEORGE BANCROFT
OISE/UT

EQUAL TREATMENT, ON CAMPUS OR OFF

In his letter to *The Bulletin* my colleague Professor Daniel Osmond made three observations I wish to comment upon (Sick kids investment, good news, bad news, Sept. 28). They are: one, faculty members whose offices and laboratories are located off campus are different from those whose offices and laboratories are located on campus; two, graduate students whose supervisors are located off campus are different from those whose supervisors are on campus; and three, there is only the one-way flow of resources from the university to our teaching hospitals. Since these observations are very much relevant to the relationship between the university and its affiliated hospitals, they deserve clarification and comments.

The Faculty of Medicine's strategic plan, approved by the faculty council Nov. 22, 1993, acknowledged that our departments are no longer simply campus-based and as a result we do not distinguish between faculty members based on where they are located or how they are compensated. Instead we recognize the contribution of all faculty members

to our academic programs and designate those whose activities warrant it as "faculty full-time."

Regarding graduate students supervised by off-campus faculty members, they cannot be viewed as being different from those on campus. They fulfil all university requirements — registration, tuition fees, course and degree requirements, etc. They are of course equally eligible for financial assistance. However, with assistance being available at the hospitals to them the overall demand on departmental resources, such as the U of T Open Fellowships, should decrease to the benefit of on-campus students. With the increased emphasis on graduate education, called for in the plan, we are delighted that OSOTF made it possible to increase financial support for these students.

Professor Osmond gave examples of university funding sources available to off-campus appointees. They are correct and we are proud of such support. However, our teaching hospitals make major contributions to the faculty's teaching and research programs that are far greater than the funds that flow from the faculty to the hospitals and would simply be impossible to list in this letter.

Anyone familiar with the University of Toronto Academic Health Sciences Centre will appreciate the commitment of our fully affiliated teaching hospitals to our academic mission.

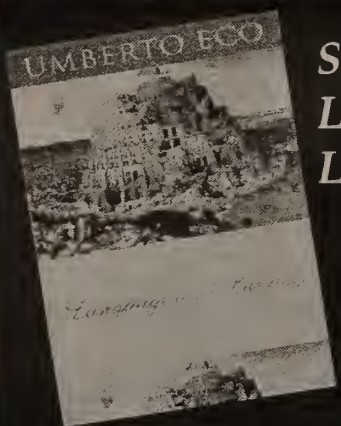
Let me give just one specific example. Our affiliated hospitals participated in a joint effort with the faculty to establish a program in structural biology several years ago. This resulted in locating in the Medical Science Building several NMRs purchased by the hospitals. This concentration of instrumentation, researchers and trainees, and therefore intellect, in structural biology is second to none in Canada and is one of the top ones in North America. This is being further enhanced by the installation of a multimillion dollar 800 MHz NMR facility on campus. The faculty, the Hospital for Sick Children and the Toronto Hospital are each contributing millions to the project. As well, there are academic centres of the university located in the hospitals.

Because our strategic plan also recognized the need for campus-based faculty renewal and infrastructure support, the faculty has taken major steps to address infrastructure support of on-campus research. To cite some examples:

we provide one-time-only emergency funding to faculty members who are unsuccessful in renewing their research grants and have in place a post-doctoral support program. We provide partial funding towards the purchase of multi-user equipment when funded by granting agencies and fund the upgrading of central service facilities such as the Microscopy Imaging Facility and the mass spectrometry service.

Finally, the special relationship with the fully affiliated teaching hospitals is far from new. In 1921 Banting and Best discovered insulin in the laboratories of U of T's department of physiology and then first used insulin clinically on a patient at the Toronto General Hospital. Today, the Banting and Best Diabetes Centre is a joint venture of the University of Toronto and the Toronto Hospital and has a \$4.2 million endowment for the support of graduate students, on or off the campus, doing research in any field relevant to diabetes.

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ALTERNATIVES TO BONE, WORK AND LITIGATION

Creating living bone

Three-dimensional living bone created by U of T researchers could one day replace conventional bone grafting techniques.

The bone is made by growing human cells throughout a new type of biodegradable polymeric foam invented by Professor John Davies of the Institute of Biomaterials and Biomedical Engineering, Professor Molly Shoichet of chemical engineering and applied chemistry and doctoral student Chantal Holy. When implanted to fill a gap or fracture, the foam can be seeded with the patient's own bone stem cells to create living tissue.

Bone defects and injuries are currently treated predominantly by grafting bone from another part of the patient's body or by taking bone from cadavers. "Implanting the foams to create new bone eliminates both the secondary injury associated with grafting from the patient's body and the risk of disease transmission from the use of cadavers," said Davies. The team anticipates that the foams will also be suitable for dental applications.

The technology has been transferred to a spin-off company, BoneTec Corporation, which has seed capital from University Medical Discoveries Inc.

Kerry Delaney

New treatment for fibroids promising

Preliminary results for the non-surgical treatment of symptomatic uterine fibroids look promising, says Professor Gaylene Pron, clinical trial co-ordinator and an epidemiologist in the department of public health

sciences and medical imaging.

Pron and a team of researchers from five hospitals are studying embolization as an effective treatment option for women with symptomatic fibroids who do not want to have a hysterectomy. Embolization involves blocking the small arteries that supply blood to the uterus to reduce the size of the fibroid.

Uterine fibroids (a benign growth that may develop in the wall of the womb) can grow so large a woman may look as if she is in the advanced stages of pregnancy. Although not cancerous they can be painful, cause bleeding and exert pressure on the bladder, causing women to feel a need to void when she in fact doesn't.

"Ultrasound examinations of the 36 women who have undergone embolization — the majority over three months ago — already show the fibroid has been reduced in size by about 36 per cent," said Pron, who heads the first Canadian study in this area. She plans to follow the women's progress for at least two more years and increase the number of research subjects. "Our preliminary findings are similar to studies under way in France and the United States but physicians often wait to see local data before supporting a new procedure."

"Embolization has been used by radiologists for over 30 years to control uterine bleeding from child birth, trauma or cancer," said Pron. "When conservative treatment fails, benign uterine fibroids are traditionally treated surgically — usually by removing the uterus."

Boston Scientific Ltd. provided funding support.

Christina Marshall



Working from home has its downside

Tired of going into the office? Being able to work from home may sound alluring at first but it has a downside you may not have considered, says Professor William Michelson of sociology.

People whose employers allow them to work from home may be more productive but they also work longer hours and have fewer relationships outside their close family, said Michelson, a member of the Centre for Urban and Community Studies. Michelson and two Swedish colleagues used data from the 1992 General Social Survey by Statistics Canada and a 1990-91 survey by Sweden's Statistical Bureau to examine the advantages and disadvantages of home-based work.

The home-based employee spends less time pursuing leisure activities and far more time alone than office employees, Michelson found. His data suggests this occurs partly be-

cause those conducting their business from home enjoy their work more than regular employees, he said. "Work is a very important part of their life, the most enjoyable thing they do all day."

But working at home has done little to change traditional gender roles, Michelson said. On average, home-based female workers still spend more time doing chores or playing with their children than men. "The difference between men and women in the amount of time they spend on traditionally female-centred activities such as household responsibilities is actually greater among home-based workers," he said.

Although flexible hours are a benefit of this type of work, Michelson and his colleagues found home-based workers feel increased pressure to prove their efficiency, taking relatively little time off during regular "working hours" and putting in even more time on evenings and weekends. "Working at home has been presented with fanfare and enthusiasm as a wave of the future for great numbers of people," he said. "True, some people fulfil some of their objectives this way, but this is a two-edged sword. There is a downside and it isn't an unmitigated blessing."

Bruce Rolston

Mediation a viable choice

Voluntary family mediation should be regarded as a viable alternative or adjunct to litigation in disputes between divorcing parents, says Professor Howard Irving of the Faculty of Social Work.

"Given the advantages of mediation, it should be the first choice for parents in dispute and that belief

should be strongly reflected in the law," Irving said in a brief to the Special Joint Committee of the Senate and House of Commons on Custody and Access. The committee is examining ways to reform the Divorce Act and hopes to make recommendations in the near future.

The current act, Irving said, merely requires lawyers to note the availability of services such as mediation. Lawyers should be required to provide clients with information that refers to mediation, its availability in the community and education courses that focus on preserving the best interests of children and as well should have to encourage their clients to consider mediation when appropriate. "Enlightened legislation must be drafted to provide opportunities for parents in dispute to resolve their differences in the least destructive way possible."

Mediation, Irving noted, is child-focused. It helps parents develop a parenting plan that promotes co-operation and good will and encourages them to accept mutual responsibility for their children. Litigation, on the other hand, is often a win-lose situation. "In litigation the emphasis is on the individual rights of the parents and the kids get lost in the process. Mediation gets the parents involved in a more positive way."

However, mediation should be viewed as a rational alternative to litigation, not as a replacement. Mediation is not appropriate for divorcing parents in certain situations, specifically those that involve spousal or child abuse.

In his brief, Irving noted seven other possible changes to the act such as mandatory parent education courses.

Jane Stirling

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Nov. 15	Symmetry in mathematics and science	Joe Repka Department of Mathematics, University of Toronto
Nov. 22	Exploring the underworld: the sport and science of caving	Derek Ford School of Geography and Geology, McMaster University, Hamilton
Nov. 29	Aging and memory: what changes, and what can be done to help?	Fergus I.M. Craik Department of Psychology, Glassman Chair in Neuropsychology, University of Toronto
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Suzanne Kingsmill and Benjamin Schlesinger

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THE FAMILY SQUEEZE: SURVIVING THE SANDWICH GENERATION
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EVENTS



LECTURES

Dynamics of Reason: Kantian Themes in the Philosophy of Science.

TUESDAY, OCTOBER 13 TO THURSDAY, OCTOBER 15

Prof. Michael Friedman, Indiana University; Jerome S. Simon memorial lectures. Part I, Oct 13; Part II, Oct. 14; Part III, Oct. 15. 140 University College. 4 p.m.

Books in the Next Millennium.

THURSDAY, OCTOBER 15

Prof. Umberto Eco, author and communications expert; Emilio Goggio visiting professor in Italian studies. Hart House Theatre. 7 p.m. *Italian Studies*

More "Epiphanies of the Great Gods": Astrology and a Royal Tomb in Ancient Commagene.

FRIDAY, OCTOBER 16

Prof. Roger Beck, classics; illustrated lecture. 134 McLennan Physical Laboratories. 3:30 p.m. *Classics*

Syria, Israel and the Middle East Peace Process.

MONDAY, OCTOBER 19

Prof. Itamar Rabinovich, Tel Aviv University, former ambassador of Israel to Washington; Heather Reisman & Gerald Schwartz distinguished lecture series. George Ignatieff Theatre, 15 Devonshire Place. 8 p.m.

Gairdner Foundation.

Lectures by winners of the 1998 Gairdner Foundation International Awards presented for contributions to the field of medical science. All lectures in the auditorium, Medical Sciences Building.

FRIDAY, OCTOBER 23

The Telomere and Telomerase: A Tale Without End?

Prof. Elizabeth Blackburn, University of California at San Francisco. 12:10 p.m.

Of Mice and Men:

Telomeres, Telomerase and Chromosome Stability.

Prof. Carol Greider, Johns Hopkins University School of Medicine. 12:40 p.m.

The Second Human Genetic System and Its Role in Disease.

Prof. Giuseppe Attardi, California Institute of Technology, Pasadena. 1:10 p.m.

Protein Import Into Mitochondria: The Early Steps.

Prof. Gottfried Schatz, University of Basel, Switzerland. 1:40 p.m.

Protein Import Into Mitochondria: The Late Steps.

Prof. Walter Neupert, University of Munich, Germany. 2:10 p.m.

Ethical Bequests in the Late Renaissance Netherlands: Pieter van Veen's Copy of Montaigne's *Essais* (1602) and Otto van Veen's *Self-Portrait With Family* (1584).

WEDNESDAY, OCTOBER 28

Warren Boucher, University of London. Senior Common Room, Victoria College. 4:10 p.m.

COLLOQUIA

Circulation of Eddy-Rich Oceans and Atmospheres.

THURSDAY, OCTOBER 15

Prof. Peter Rhines, University of

Washington. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

Ultrafast Laser-Generated Coherent Waves in Advanced Materials: From the Academic Lab to the Real World and Back.

FRIDAY, OCTOBER 16

Prof. Keith Nelson, Massachusetts Institute of Technology. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*

New Ventures Into Palladium-Catalyzed and Titanium-Medicated Synthetically Useful Reactions.

FRIDAY, OCTOBER 23

Prof. Armin de Meijere, Institut für Organische Chemie der Georg-August-Universität. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*

Alone Together: The Ethics of Online Research.

TUESDAY, OCTOBER 27

University Prof. Em. James Till, Joint Centre for Bioethics; ethical evening discussion. Combination Room, Trinity College. 4:30 p.m. *Research Services and Faculty of Medicine*



SEMINARS

How Two Visual Stimuli Conjointly Control the Discharge of Hippocampal Place Cells.

WEDNESDAY, OCTOBER 14

Dr. Robert Muller, State University of New York Health Center. 968 Mt. Sinai Hospital. 12 noon. *Samuel Lunenfeld Research Institute and Psychology*

PRP, a New P-Glycoprotein-like ATP-Binding Cassette Transporter.

WEDNESDAY, OCTOBER 14

Dr. Kathryn Furuya, Hospital for Sick Children Research Institute. 4227 Medical Sciences Building. 4 p.m. *Pharmacology*

Neurotrophic Factor Regulation of Gene Expression.

THURSDAY, OCTOBER 15

Dr. Azad Bonni, Harvard University School of Medicine. 968 Mt. Sinai Hospital. 12 noon. *Samuel Lunenfeld Research Institute*

Implications of Cerebrospinal Fluid Drainage Into Extracranial Lymphatic Vessels.

THURSDAY, OCTOBER 15

Prof. Miles Johnston, laboratory medicine and pathobiology. 3231 Medical Sciences Building. 4 p.m. *Physiology*

Mode and Tempo in the Mating Biology of a Tephritid Fly.

FRIDAY, OCTOBER 16

Prof. Ban Papaj, University of Arizona. 3127 South Building, U of T at Mississauga. 12 noon. *Erindale Biology*

Lotus in a Sea of Fire: Thich Nhat Hanh of Vietnam.

MONDAY, OCTOBER 19

Janet McLellan, University of Toronto; Engaged Buddhism series. 241 Gerald Larkin Building, 15 Devonshire Place. 7 to 9 p.m. *Trinity Divinity*

Shifts in Mentality in Post-Independence Estonia: A Journalist's Perspective.

WEDNESDAY, OCTOBER 21

Mihkel Mutt, editor, *Sirp*. 14532 Robarts Library. 4 to 6 p.m. *CREES*

Montaigne's Career: A Challenge to the History of the Book.

WEDNESDAY, OCTOBER 21

Prof. George Hoffmann, Boston University. 205 Northrop Frye Hall, Victoria College. 4 p.m. *Northrop Frye Centre and Toronto Centre for the Book*

Gairdner Foundation.

Seminars by winners of the 1998 Gairdner Foundation International Awards presented for contributions to the field of medical science.

THURSDAY, OCTOBER 22

Genetic and Functional Thresholds in Mammalian Mitochondria.

Prof. Giuseppe Attardi, California Institute of Technology, Pasadena. Main auditorium, first floor, Elm Wing, Hospital for Sick children. 9 a.m.

A Novel Protein Import Pathway Into Mitochondria.

Prof. Gottfried Schatz, University of Basel, Switzerland. 3153 Medical Sciences Building. 11 a.m.

Telomeres and Telomerase: Importance in Chromosome Stability and Cancer.

Prof. Carol Greider, Johns Hopkins University School of Medicine. Samuel Lunenfeld Conference Room, 18th floor, Mt. Sinai Hospital. 11 a.m.

Functional Interactions Between Telomerase and the Telomere.

Prof. Elizabeth Blackburn, University of California at San Francisco. 3153 Medical Sciences Building. 2 p.m.

Preprotein Translocases of Mitochondria.

Prof. Walter Neupert, University of Munich, Germany. Main auditorium, first floor, Elm Wing, Hospital for Sick Children. 3 p.m.

FRIDAY, OCTOBER 23

New Ways of Thinking About Telomeres and Telomerase.

Prof. Elizabeth Blackburn, University of California at San Francisco. Cummings Auditorium, main floor, Women's College Hospital. 8 a.m.

The Contribution of Comparative History to the History of Homeopathy.

THURSDAY, OCTOBER 22

Dr. Martin Dinges, Institut für Geschichte der Medizin der Robert Bosch Stiftung; Hannah seminar for the history of medicine. Great Hall, 88 College St. 4 to 6 p.m. *History of Medicine*

But Can You Hear Your Breathing?

THURSDAY, OCTOBER 22

Prof. Robert Goode, Faculty of Physical Education & Health. 3231 Medical Sciences Building. 4 p.m. *Physiology*

Religion and Politics in Collective Representations During "Stalinism."

THURSDAY, OCTOBER 22

Claudio Ingerflom, IRESCO. 14352 Robarts Library. 7 to 9 p.m. *CREES*

Can One Account for Taste in Predatory Wasps? Behavioural and Fitness Consequences of Consuming Chemically Defended Caterpillars.

FRIDAY, OCTOBER 23

Prof. Linda Rayor, Cornell University. 3127 South Building, U of T at Mississauga. 12 noon. *Erindale Biology*

Small "b" Buddhism: Sivaraksa of Thailand.

MONDAY, OCTOBER 26

Prof. Roy Amore, University of Windsor; Engaged Buddhism series. 241 Gerald Larkin Building, 15 Devonshire Place. 7 to 9 p.m. *Trinity Divinity*



MEETINGS & CONFERENCES

Planning & Budget Committee.

TUESDAY, OCTOBER 20

Council Chamber, Simcoe Hall. 5 p.m.

Economics as if Developing Countries Mattered.

FRIDAY, OCTOBER 23

Conference to honour Prof. Em. Gerry Helleiner of economics. Program includes Balance of Payments Crises in Developing Countries, address by Lance Taylor, The New School; luncheon address by Roy Culpeper, president of the North-South Institute in Ottawa; a panel discussion on The Private Sector, Public Policy and the International Economy with panelists including David Beatty, chair and CEO of Old Canada Investment Corp.; John Gero, director general, Trade Policy Bureau II, Department of Foreign Affairs; David Rosenberg, senior economist, Nesbitt-Burns; and Hugh Winsor, columnist, *The Globe and Mail*. Music Room, Hart House. 9 a.m. to 7 p.m. *Economics and Centre for International Studies*

Violence in Medieval Society.

SATURDAY, OCTOBER 24

Centre for Medieval Studies annual conference. Sessions in 140 University College. Masculinity, Intentionality and Violence in 14th-Century Vowing Poem, *Les Voeux de Heron*, Patricia DeMarco, West Virginia University; Gendering Sainly Violence: Female and Male Martyrs in the South English Legendary, Beth Crachiolo, University of Iowa; Violence in the Queen's Body: Medieval Consorts, Statecraft and Disorder, John Parsons, University of Toronto; Violence and the Making of Wiglaf, John Hill, U.S. Naval Academy; The Specchio Umano of Domenico Lenzi: Moral Accounting and the Representation of Civic Disorder in 14th-Century Florence, Jennifer Heindl, University of California at Berkeley; Sie! Sie! Sie! Public Attitudes to the Judiciary in 14th-Century England, Richard Green, University of Western Ontario; Trial by Flying: The Displacement of Violence by Verbal Debate in the Skald Sagas, Natalia Breizmann, Stanford University; Defending Their Master's Honour: Street Violence Among Servile Classes in 15th-Century Valencia, Debra Blumenthal, University of Toronto; Scottish National Heroes and the Limits of Violence, Anne McKim, University of Waikato; Peter's Sword and Malchus' Ear: Arguments pro and contra in the Christian Use of Force, Randi Eldevik, Oklahoma State University; Body as Champion of Church Authority and Sacred Place: The Murder of Thomas Becket, Dawn Hayes, Iona College; The Anti-Sacrifice of Isaac: Violence and Subverting the Law of the Father, Allen Frantzen, Loyola University, Chicago, and Daniel Kline, University of Alaska at Anchorage. Registration fee: \$50, students and seniors \$25. Information: 978-2380 or e-mail: cms-conf@chass.utoronto.ca.

1798: Revolution in Ireland.

SATURDAY, OCTOBER 24

Sessions in 400 Alumni Hall, St. Michael's College, 121 St. Joseph St. Morning session: Orangemen, Defenders and the Politics of the 1790s, Cecil Houston, University of Toronto; Social Bandits and the Myth of Catholic Savagery: The Case of Forkhill, Kyla Madden, Queen's University; '98 in '48: Young Ireland and the Legacy of the United Irishmen, Gary Owens, University of Western Ontario. Afternoon session: 1798 in Perspective, Tom Bartlett, University College, Dublin; The Women of 1798, Daire Keogh, St. Patrick's College, Dublin; The Politics of Memory, Kevin Whelan, Notre Dame. Registration fee: \$30, students and seniors \$10.

Committee on Academic Policy & Programs.

WEDNESDAY, OCTOBER 28

Council Chamber, Simcoe Hall. 4:10 p.m.



MUSIC

FACULTY OF MUSIC EDWARD JOHNSON BUILDING

Thursday Noon Series.

THURSDAY, OCTOBER 15

Margo Rydall, flute, and Ivan Zilman, guitar.

THURSDAY, OCTOBER 22

Faculty Woodwind Quintet: Douglas Stewart, flute; Clare Scholtz, oboe; Stephen Pierre, clarinet; Marcus Hennigar, french horn; Kathleen McLean, bassoon; with pianist Che Anne Loewen. Walter Hall. 12:10 p.m.

U of T Symphony Orchestra.

SATURDAY, OCTOBER 17

Victor Feldbrill, guest conductor. MacMillan Theatre. 8 p.m. Tickets \$10, students and seniors \$5.

Opera Tea.

SUNDAY, OCTOBER 18

An afternoon of opera and tea, featuring Lehar's *The Merry Widow*. MacMillan Theatre. 2 p.m. Tickets \$20.

Small Jazz Ensembles.

WEDNESDAY, OCTOBER 21

Favourite standards and student arrangements and compositions. Walter Hall. 8 p.m.

Faculty Artist Series.

FRIDAY, OCTOBER 23

Horn Ensemble: Marcus Hennigar, Joan Watson, Fred Rizner, Drew Stephen with faculty students. Walter Hall. 8 p.m. Tickets \$15, students and seniors \$10.

Wind Symphony & Concert Band.

SATURDAY, OCTOBER 24

Stephen Chenette and Cameron Walter, conductors. MacMillan Theatre. 8 p.m. Tickets \$10, students and seniors \$5.

Electroacoustic Music.

SUNDAY, OCTOBER 25

Featuring recent student compositions. Walter Hall 2 p.m.

Vocal Students Performance.

TUESDAY, OCTOBER 27

Featuring the outstanding students of the voice program. Walter Hall. 12 noon.

Contemporary Music Ensemble.

WEDNESDAY, OCTOBER 28

Student ensemble dedicated to the performance of today's music. Walter Hall. 8 p.m.

EVENTS



PLAYS & READINGS

U of T Bookstore Series.

THURSDAY, OCTOBER 15

A mystery night with Leona Gom, Liz Brady and Eve Zaremba. Library, Hart House. 7:30 p.m.

**The Making of
Lyrical Ballads 1798.**

FRIDAY, OCTOBER 16

A dramatized reading based on the words of William and Dorothy Wordsworth, Samuel Taylor Coleridge, Charles Lamb and others. Presented by members and friends of University College; directed by Frances G. Halpenny. 179 University College. 2 p.m.

The Wild Duck.

WEDNESDAYS TO SUNDAYS,

OCTOBER 21 TO NOVEMBER 1

By Henrik Ibsen; directed and adapted by Martin Hunter; set and costume design by Martha Mann. Presented by the Graduate Centre for Study of Drama and Cri de Coeur. Performances at 8 p.m. except Sunday 2 p.m. Robert Gill Theatre, 3rd floor, Koffler Student Services Centre. Tickets \$18, students and seniors \$10; Sundays pay what you can.

FILMS

South Asian Cinema.

TUESDAY, OCTOBER 20

Screening of Deepa Mehta's *Fire* with Apindar Mehan; screening and discussion series. 161 University College. 6:30 p.m. *Sexual Diversity Studies*.



EXHIBITIONS

NEWMAN CENTRE

York Artists' Guild Group Show.

TO OCTOBER 30

Oils, acrylics and watercolours. Ground floor. Hours: Monday to Friday, 9 a.m. to 5 p.m.

**JUSTINA M. BARNICKE
GALLERY**

HART HOUSE

Attila Richard Lukacs.

TO NOVEMBER 5

Works from the collection of Salah Bachir. Both Galleries. Gallery hours: Monday to Friday, 11 a.m. to 6 p.m.; Saturday, 1 to 4 p.m.

**UNIVERSITY OF TORONTO
ART CENTRE**

**Michael Davey: "I couldn't
contain myself" — Notes from
the Future Edge.**

TO DECEMBER 18

Installation containing 41 pages from Michael Davey's personal notebooks with drawings that reflect his energetic investigations of form and the varieties of shapes and structure in both the natural and built worlds. Boardroom space. Hours: Tuesday and Friday, 11 a.m. to 4 p.m.; Wednesday and Thursday, 11 a.m. to 7 p.m.

**THOMAS FISHER RARE
BOOK LIBRARY**

**Design Bookbinding: The Art &
Craft of Michael Wilcox.**

OCTOBER 19 TO DECEMBER 23

A selection of 22 of the designer book-bindings of Michael Wilcox; bindings are accompanied by preliminary drawings and sketches and by the tools he created for many of them. Hours: Monday to Friday, 9 a.m. to 5 p.m.



MISCELLANY

**28th Annual Workshop on
Commercial & Consumer Law.**

FRIDAY AND SATURDAY,

OCTOBER 16 AND OCTOBER 17

Topics include: The Future of Canadian Financial Institutions and the Report of the Federal Task Force; Legal Aspects of the Internet Revolution; New Developments in International Commercial Law; Recent Major Market Failures and What They Teach Us; Legislative Proposals for Limited Liability Partnerships in Canada; and Comparative Aspects of Securities Ownership, Transfers and Pledges. The Solarium, Falconer Hall. Information and program: secretarial.lawsupport@utoronto.ca. *Law, UBC, McGill and York*

**Persuasion and Genre in
Juan Luis Vives' Writing.**

SATURDAY, OCTOBER 16

Prof. Edward George, Texas Technical University; CRRS Friday workshop. 323 Pratt Library. 3:10 p.m. *Reformation & Renaissance Studies*

University College Book Sale.

SATURDAY, OCTOBER 17 TO

WEDNESDAY, OCTOBER 21

Old and new books at bargain prices. Saturday, 10 a.m. to 5 p.m. (admission \$2, students free with ID); Sunday, 12 noon to 7 p.m.; Monday and Tuesday, 10 a.m. to 8 p.m.; Wednesday, 10 a.m. to 2 p.m. East and West Halls. Proceeds to the library. Information: 978-0372. *UC Alumni*

**The Role of Occupational
Therapists with Refugees.**

SUNDAY, OCTOBER 18

A workshop with keynote speaker Salvador Algado, an occupational therapist from Spain. 256 McCaul St. 9 a.m. to 4 p.m. Registration fee: \$50; U of T status-only appointees and students \$25. Information: 978-8541 or e-mail: lcockburn@utoronto.ca. *Occupational Therapy*

Coach House Festival

MONDAY, OCTOBER 19 TO

SATURDAY, OCTOBER 31

The McLuhan Program in Culture & Technology celebrates the 30th anniversary of U of T dedicating the historic Coach House to Marshall McLuhan for his exclusive research and teaching. Highlights include: Oral History Project where a Speakers Corner unit will collect memories of McLuhan alumni, colleagues and friends; techno-art installations, Oct. 19 to 28; scholarly conference, Many Dimensions: The Extensions of Marshall McLuhan, with keynote speaker Steve Mann on Oct. 23, Oct. 23 to 25; Global Video Village, Oct. 30 in Festival Tent; carnival and costume ball, Oct. 31 in Festival Tent, and much more. Information: 978-1741; e-mail: coach@mccluhan.utoronto.ca; <http://www.mccluhan.utoronto.ca/coach.html>.

**Traditional Healing Practices:
Bridging the Gap.**

MONDAY, OCTOBER 19 TO

FRIDAY, NOVEMBER 6

Ninth annual visiting lectureship on native health. Highlights:

TUESDAY, OCTOBER 20

Inaugural lecture: Aboriginal Peoples and Health Strategy, Justice Harry LaForme, Ontario Court (general division), and Traditional Healing Practices, Dianne Longboat, traditional healer, Six Nations. 3154 Medical Sciences Building. 2 to 4:30 p.m.

TUESDAY, OCTOBER 27

Bridging the Gap: Healer's Perspective, Chief Ron Wakegijig, traditional healer. 3163 Medical Sciences Building. 2 to 3:30 p.m.

TUESDAY, NOVEMBER 3

Bridging the Gap: Physician's Perspective, Dr. Marlyn Cook, practising physician and medical consultant, Health Canada. 3163 Medical Sciences Building. 2 to 3:30 p.m. Information: Dr. C.P. Shah, 978-6459; e-mail: c.shah@utoronto.ca.

Introduction to Maple.

MONDAY, OCTOBER 19

Course intended for news users. Session includes: what is Maple; basic elements of Maple language; solving equations and integrating; functions and procedures: elements of Maple; and user's interface. 4055 Robarts Library. 1 to 5 p.m. Information: Andrzej Pindor, 978-5045; e-mail: andrzej.pindor@utoronto.ca.

**Meeting Facilitation, Group
Dynamic and Conflict
Resolution.**

TUESDAY, OCTOBER 20

Session includes decision-making models, assigning roles, delegating tasks, keeping meetings effective and efficient, resolving differences within the group and managing various personality types in a group; group skills workshop. South Dining Room, Hart House. 2 p.m. Information: 978-7770. *SAC, OPIRG, Student Affairs and Hart House*

Maternity Leave Planning.

WEDNESDAY, OCTOBER 21

Topics covered include government forms, community resources, university policies, sibling adjustment and more. 12 noon to 2:30 p.m. Free. To register call 978-0951. *Family Care Office*

Public Speaking.

TUESDAY, OCTOBER 27

Session covers making your point clearly, methods of argument, tips to overcome nervousness and exercises in public speaking; group skills workshop. South Dining Room, Hart House. 2 p.m. Information: 978-7770. *SAC, OPIRG, Student Affairs and Hart House*

**Choosing Child Care That
Works for Your Family.**

WEDNESDAY, OCTOBER 28

Session covers types of care available, costs, evaluation of caregivers and other information parents need to make the best decision for their children. 12 noon to 1:30 p.m. Free. To register call 978-0951. *Family Care Office*



DEADLINES

Please note that information for Events listings must be received in writing at the Bulletin offices, 21 King's College Circle, 2nd floor, by the following times:

Issue of October 26, for events taking place Oct. 26 to Nov. 9: TUESDAY, OCTOBER 13.

Issue of November 9, for events taking place Nov. 9 to 30: MONDAY, OCTOBER 26.

Cider & Song

**Hart House Farm
Saturday, Oct. 17, 1998**

ACTIVITIES: Making cider (bring a container to take some home) • Kite Flying • Hiking in fall leaves
Musical Entertainment • Sauna • Baseball • Soccer.

MEALS: Lunch upon arrival • Dinner in late afternoon.

TRANSPORTATION:

Buses leave Hart House at 10:30 a.m.

Expected departure from the Farm at 7:00 p.m.

ADVANCE TICKET SALES: including Thursday, Oct. 15:

Cost per person: \$18.00 with bus; \$15.00 without.

Tickets after Thursday, Oct. 15:

Cost per person: \$23.00 with bus; \$20.00 without.

*Tickets available at the Hall Porters' Desk
beginning Sept. 9. Please apply early!*



Families and children welcome
Children's rates available

**HART HOUSE
UNIVERSITY OF TORONTO**

COMMITTEES

SEARCH

**DIRECTOR, INSTITUTE FOR WOMEN'S
STUDIES & GENDER STUDIES**

A search committee has been established to recommend a director of the Institute for Women's Studies & Gender Studies. Members are: Professor Carl Amrhein, dean, Faculty of Arts & Science (chair); Professors Kay Armatage, director, Graduate Collaborative Program in Women's Studies; George Dei, sociology and equity studies, OISE/UT; Jennifer Nedelsky, Faculty of Law and political science; Mary Nyquist, women's studies program, New College, and English; Ann Robertson, public health sciences; Rona

Abramovitch, psychology, Erindale; David Clandfield, principal, New College; Joan Foley, division of life sciences, Scarborough, and adviser to the provost on the implementation of the report of the committee to review women's studies; Heather MacLean, director, Centre for Research in Women's Health; and Michael Marrus, dean, School of Graduate Studies; and Bonnie Hunter, undergraduate student, and Margot Irvine, graduate student, women's studies.

The committee would appreciate receiving nominations and comments from interested members of the university community. These should be submitted to Dean Carl Amrhein, Room 2020, Sidney Smith Hall.

UNIVERSITY ~ OF ~ TORONTO

THE BULLETIN

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WEB SITE: <http://www.library.utoronto.ca/www/bulletin/latest>



The Bulletin is printed on recycled paper. Material may be reprinted in whole or in part with appropriate credit to The Bulletin.

Published twice a month, and once in July, August and December, by the Department of Public Affairs, 21 King's College Circle, University of Toronto, Toronto, M5S 3J3.

EDITORIAL ENQUIRIES: 978-6981 • DISTRIBUTION ENQUIRIES: 978-2106 • ADVERTISING ENQUIRIES: 978-2106 • Display advertising space must be reserved two weeks before publication date. FAX: 978-7430.

THE MERRY CYCLE OF IGNORANCE

A professor has serious concerns about how U of T deals with teaching assignments

By JULIA CHING

UNIVERSITY OF TORONTO PROFESSORS KNOW THAT WE teach at a *great* university, great because of the sheer size of its student body as well as its teaching faculty and its range of disciplines and research projects, great also because a few colleagues — few in a proportional sense — are widely acknowledged for their scholarly accomplishments.

But what do we teach and how are we doing? There are teaching awards and student evaluations, of course, to keep many of us on our toes. I speak here of teaching as a performance, how to keep students happy learning what they are supposed to learn. However, there is another issue that is very important to teaching and learning and that is how the university deals with teaching assignments. At U of T we do it in four different ways and I have serious concerns about each one of them.

First, the university offers teaching assistantships. Often these are assigned to graduate students in subjects where their ignorance is outstanding, with the justification being that this is on-the-job training. Our undergraduate students are thus subjected to some kind of experimentation on human subjects in the name of a greater cause: the support of graduate students and continued peace with their labour union. Further, these appointments are made by department administrators, often without consultation with the instructors. Many professors then find themselves working with TAs they do not always know and who may not always be there when needed.

Second, we offer sessional appointments, usually to new PhDs, sometimes to advanced graduate students and often casually, as a patronage assignment, or again, for on-the-job training. This situation has increased over the years to such a point that half the courses in some departments are now taught by sessional appointments. These are part-time instructors, sometimes only earning the stipend for a half or full course and not always supported by TAs even when enrolment may be over 100 students. I think this is unfair to these instructors. Their employer, the university, does not seem to care whether they are being paid a living — or should I say, a “surviving” rate — in a big city where monthly rentals for singles may cost one-fourth of the four-month course wage. I guess it is up to the individuals themselves — possibly numbering in the thousands — to find their own basement accommodations, since their PhD degrees have removed their right to continue living in student quarters. In addition to this problem, I also think this situation is unfair to undergraduate students who are paying more and more but perhaps getting less and less. Students are crowded into larger classes under the care of recent PhDs eager to earn a stipend and who don't have the luxury to worry about whether their doctoral training is correct for the job landed.

Third, first-year “staple courses” are now frequently assigned to incoming junior faculty who hardly dare to decline them before they get tenure. I am sure that in many departments our junior faculty are trained and happy to teach such courses, whether they be first-year chemistry or economics. If they couldn't teach these courses, they wouldn't have progressed

very far towards their doctorates. But not every field offers the same training and the problem is sharper for interdisciplinary departments. A faculty member more oriented towards the social sciences and more accustomed to field work and case work may end up teaching a broad range of political or cultural history, or a specialist in Western feminism or breast-feeding may conceivably end up teaching Asian culture in a course on world civilizations, which spans 10,000 or 15,000 years of non-Western traditions. Such an instructor may face many students in the class from multicultural backgrounds knowing

faculty out of their depth and senior faculty waiting for retirement! In my opinion, what we don't have is an adequate core of middle-aged tenured teachers of high quality who complement one another with their expertise.

I believe a possible resolution to some of the problems I have tried to highlight is team teaching. Why can't some of the big bread-and-butter courses as well as some of the smaller seminars be team taught by an older and a younger person, for example, sharing experience and expertise? For one, this would free our junior colleagues to do more research in their specific

fields, as we hope they want to do. I know team teaching has its own problems. We sometimes throw together instructors of different stripes in our humanities courses, for example, hoping that each will perform in a concert of harmony when actually what may happen is that each will promote the information he or she considers important, such as the ancient names of rivers that are no longer on the map. But I hope such problems would be less serious than

having the ignorant teach the masses, in the name that every incoming junior faculty *should* know the subject matter of some courses that take a whole career, if not several reincarnations, for senior scholars to accumulate. I think as well that team-taught courses can be better run when the concerned instructors talk to one another about how the subject matter may make up a coherent whole, rather than remain a scrapbook of facts.

As for sessional appointments, these could be given to competent visiting lecturers who may be on sabbatical and therefore willing to earn only a few extra dollars for the chance of getting involved part-time in this great university. As we are located in a famous city, Canada's biggest, and have a temperate fall semester, we might attract some very stellar visitors and our students would be the beneficiaries.

I HOPE THE PROBLEMS
OF TEAM TEACHING
WOULD BE LESS SERIOUS
THAN HAVING
THE IGNORANT
TEACH THE MASSES

I AM POINTING OUT THESE ISSUES BECAUSE I BELIEVE THAT their combination may represent a serious problem at the university today. Imagine the situation if half of the university's courses are taught by sessional instructors who have little time for real commitment as their best time should be given to job searching and the other half of the courses are taught by junior

IT IS NOT ALL RIGHT TO SAY THAT TEACHING PROBLEMS happen today everywhere, that is, south of the border as well. We are supposed to do the right thing by having those who know more educate young minds and not excuse ourselves whenever we make mistakes. Besides, remedying a situation takes careful planning and I hope the issues I have raised are important enough to warrant more reflection and planning university-wide. So frequently the planning priority is to advance a department's collective interests in bean-counting rather than the interests of the students or of the university as a whole. My earnest hope is that we set our goals on the higher horizons. Our time of self-congratulation for being a great university is over. Let us now sit together and talk about how to resolve our problems and pull ourselves out of the mediocrity of self-satisfaction.

University Professor Julia Ching of philosophy teaches East Asian philosophy and religion.



MIKE CONSTABLE